EAST Search History

S20	30	("4335281" | "4481382" | "4524461" | "4591661" | "4634816" | "4658242" | "4720857" | "5117461" | "5341254" | "5369857" | "5655025" | "5822406" | "5910991" | "5978689").PN. OR ("6594366").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/01 12:53
S21	0	jack same impedance same detect$3 same (((analog adj digital) or (A/D)) adj converter) same plurality same (digital adj values or (third adj digital adj values)) same indicat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 13:02
S22	5	jack same impedance same detect$3 same (((analog adj digital) or (A/D)) adj converter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 14:29
S23	1	jack and impedance and detect$3 and (((analog adj digital) or (A/D)) adj converter) and ((plurality adj digital adj values) or (third adj digital adj values)) and indicat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 13:03
S24	0	determ$4 same impedances same (external adj device$1) same convert$3 same ((plurality or third) adj digital adj values) same indicat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 14:13
S25	0	determ$4 and impedances and (external adj device$1) and convert$3 and ((plurality or third) adj digital adj values) and indicat$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 14:14
S26	1	determ$4 and impedances and (external adj device$1) and convert$3 and ((plurality or third) adj digital adj values)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 14:14
S27	3902	impedance same (((analog adj digital) or (A/D)) adj convert$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 14:30
S28	299	plurality same impedance$1 same (((analog adj digital) or (A/D)) adj convert$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 15:21
S29	156	S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/11/01 14:31

EAST Search History

S30	31	determ$4 same S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/11/01 15:24
S31	81	(select$4 or switch$4) same S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/11/01 14:41
S32	3	((381/123).ccls.) and impedance$1 and (((analog adj digital) or (A/D)) adj convert$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 15:23
S33	277	(("381"/$).ccls.) and impedance$1 and (((analog adj digital) or (A/D)) adj convert$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/01 15:23
S34	208	S33 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/11/01 17:20
S35	34	S33 and jack and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/11/01 17:20
S36	6	(("6038457") or ("6278884") or ("6594366")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/02 10:44
S37	1	"6594366".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:45

S15	228	S9 and S10 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:48
S16	82	S9 and S10 and audio and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:48
S17	49	(("5455859") or ("5771441") or ("4295694") or ("4340854") or ("4395739") or ("4792986") or ("4901355") or ("5181000") or ("5188540") or ("5210528") or ("RE35051") or ("5555300") or ("5559869") or ("5608607") or ("5631712") or ("5634798") or ("5655143") or ("5676565") or ("5727966") or ("5761159") or ("5775939") or ("5794161") or ("5841628") or ("5852545") or ("5938457") or ("5970123") or ("6009181") or ("6019630") or ("6056698") or ("6065080") or ("6072753") or ("6122369") or ("6185627") or ("6210212") or ("6210212") or ("6232785") or ("6397087") or ("6422944") or ("6459175") or ("6459911") or ("6620094") or ("7224992") or ("20010049566") or ("20030023329") or ("20030026439") or ("20030097037") or ("20030123677") or ("20040080440") or ("20040081099") or ("20040101148")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/10/31 15:13
S18	1	("7,110,799").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/11/01 11:27
S19	12	("20020037746" | "20020068600" | "20020133545" | "20030060242" | "5978689" | "6272361" | "6292560" | "6459882" | "6594366" | "6597786" | "6856046" | "6871047").PN. OR ("7110799"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/01 11:29

EAST Search History

S3	6	(("6109797") or ("6149469") or ("6203344") or ("6748085") or ("5655025") or ("4682325")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/05/18 11:07
S4	3	((CHU-TING) near2 (SU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/18 11:21
S5	1819	((381/123 or 381/74 or 381/77 or 381/11-12).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:34
S6	1168	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:35
S7	631	((341/141).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:35
S8	634	((327/355).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:35
S9	1073	((439/668-669).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:36
S10	21732	plug same jack	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:39
S11	90	S5 and S10 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/11/01 14:31
S12	22	S6 and S10 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:47
S13	0	S7 and S10 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:47
S14	0	S8 and S10 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/18 16:48

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		determ$4 same impedances same (external adj device$1) same convert$3 same (third adj digital values; and determining the type of the external device when the first, second and third digital values together indicate a recognized "condition."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 14:11
		jack same impedance same detect$3 same ((analog adj digital) or A/D) adj converter) same plurality same digital adj values or (third adj digital adj values) same indicat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:44
S1	49	(("5455859") or ("5771441") or ("4295694") or ("4340854") or ("4395739") or ("4792986") or ("4901355") or ("5181000") or ("5188540") or ("5210528") or ("RE35051") or ("5555300") or ("5559869") or ("5608607") or ("5631712") or ("5634798") or ("5655143") or ("5676565") or ("5727966") or ("5761159") or ("5775939") or ("5794161") or ("5841628") or ("5852545") or ("5938457") or ("5970123") or ("6009181") or ("6019630") or ("6056698") or ("6065080") or ("6072753") or ("6122369") or ("6185627") or ("6210212") or ("6210212") or ("6232785") or ("6397087") or ("6422944") or ("6459175") or ("6459911") or ("6620094") or ("20010049566") or ("20030023329") or ("20030026439") or ("20030097037") or ("20030123677") or ("20040080440") or ("20040081099") or ("20040101148") or ("20050012850")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/11/01 11:25
S2	2	(("6594366") or ("20020032046")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/05/18 11:02